

**METHOD AND INSTALLATION FOR PRODUCING FIBROUS MATERIAL FROM THERMOPLASTICS**

Veröffentlichungsnr (Sek) RU2117719  
Veröffentlichungsdatum 1998-08-20  
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Anmelder BORDUNOV VLADIMIR VASIL EVICH; VOLOKITIN GENNADIJ GEORGIEVICH  
Veröffentlichungsnummer □  
Aktenzeichen (EPIDOS-INPADOC-normiert) RU19970110883 19970626  
Prioritätsaktenzeichen (EPIDOS-INPADOC-normiert) RU19970110883 19970626  
Klassifikationssymbol (IPC) D01D5/08, D04H3/16  
Klassifikationssymbol (EC)  
Korrespondierende Patentschriften

**Bibliographische Daten**

FIELD: polymer materials. SUBSTANCE: thermoplastic is melted, melt is converted into film, which is used to spin fiber by means of imparting kinetic energy to the film, energy being supplied by a pan rotating with peripheral velocity at least 10 m/s. Viscosity of melt is close to that at its destruction temperature. Installation has extruder with rotatory fiber-former, product precipitation unit, and receiving device. EFFECT: enabled reprocessing industrial and domestic thermoplastic wastes and increased yield of fibrous material. 9 cl, 5 dwg, 4 tblm

Daten aus der **esp@cenet** Datenbank -- I2

2000-245390/21

A32 F01 (F04)

BORD/ 1997.06.26

\*RU 2117719-C1

BORDUNOV V V \*RU 21177  
1997.06.26 1997-110883(+1997RU-110883) /1998.08.20/ D01D  
5/08, D04H 3/16

**Method and installation for producing fibrous material from thermoplastics**

C2000-074128

Addnl. Data: BORDUNOV V V, VOLOKITIN G G  
VOLOKITIN G G (VOLO)

## NOVELTY

**NOVELTY** Thermoplastic is melted, melt is converted into film, which is used to spin fiber by means of imparting kinetic energy to the film, energy being supplied by a pan rotating with peripheral velocity at least 10 m/s. Viscosity of melt is close to that at its destruction temperature. Installation has extruder with rotatory fiber-former, product precipitation unit, and receiving device.

USE

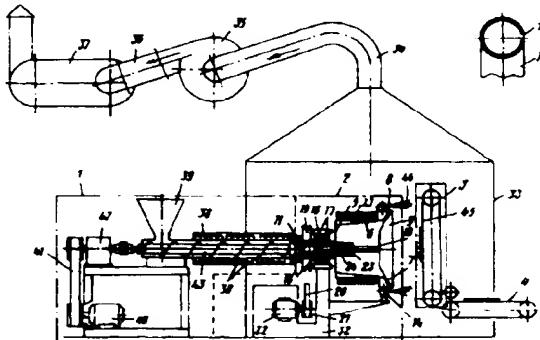
## Polymer materials.

## ADVANTAGE

Enabled reprocessing industrial and domestic thermoplastic

A(11-B15B1) F(1-C8B1)

wastes and increased yield of fibrous material. 9 cl, 5 dwg, 4 tblm



(9999DwgNo.1/1)

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